

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 08-181962

(43)Date of publication of application : 12.07.1996

(51)Int.Cl.

H04N 7/15

H04S 7/00

(21)Application number : 06-320169

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(22)Date of filing : 22.12.1994

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(54) SOUND IMAGE LOCALIZATION METHOD AND SOUND IMAGE LOCALIZATION CONTROLLER AND VIDEO CONFERENCE SYSTEM

(57)Abstract:

PURPOSE: To make a display position of a sounder matching a localized position of a sound signal from the sounder in an excellent way.

CONSTITUTION: A motion vector detection section 31 detects a motion vector of a sounder included in a video signal 11 and provides an output of a motion vector information signal 14. A prediction sound image localization control section 33 predicts a position of the sounder at a lapse of the processing time from the detection of a motion vector of the sounder till the end of sound image localization processing and gives a control section 15 to a sound signal processing section 32. The sound signal control section 32 applies sound image localization processing (control of balance of sound reproduced from each speaker and reproduction timing or the like) to the sound signal 12 based on the control signal 15 and provides an output of a sound signal 13 after the processing. Since the sound image is localized at a position that takes a time required for the sound image localization processing into account, the display position of the sounder matches a localized position of the sound signal from the sounder in an excellent way. Thus, the reproduction of sound with full of presence is attained.

